

# Converting Colors - WCAG Matrix

Web Content Accessibility Guidelines (WCAG) 2.0 - Color Matrix.

**Hex(5E5D12) Hex(454500) Hex(2D2F00) Hex(141B00) Hex(000000)**

	Hex(5E5D12)	Hex(454500)	Hex(2D2F00)	Hex(141B00)	Hex(000000)
Hex(5E5D12)		Ratio: 1.45 Failed <sup>5</sup>	Ratio: 2.01 Failed <sup>5</sup>	Ratio: 2.57 Failed <sup>5</sup>	Ratio: 3.05 AA 18pt <sup>2</sup>
Hex(454500)	Ratio: 1.45 Failed <sup>5</sup>		Ratio: 1.39 Failed <sup>5</sup>	Ratio: 1.77 Failed <sup>5</sup>	Ratio: 2.10 Failed <sup>5</sup>
Hex(2D2F00)	Ratio: 2.01 Failed <sup>5</sup>	Ratio: 1.39 Failed <sup>5</sup>		Ratio: 1.28 Failed <sup>5</sup>	Ratio: 1.52 Failed <sup>5</sup>
Hex(141B00)	Ratio: 2.57 Failed <sup>5</sup>	Ratio: 1.77 Failed <sup>5</sup>	Ratio: 1.28 Failed <sup>5</sup>		Ratio: 1.19 Failed <sup>5</sup>
Hex(000000)	Ratio: 3.05 AA 18pt <sup>2</sup>	Ratio: 2.10 Failed <sup>5</sup>	Ratio: 1.52 Failed <sup>5</sup>	Ratio: 1.19 Failed <sup>5</sup>	

Details can be found at <https://www.w3.org/TR/WCAG20/>.

<sup>1</sup> AA

AA level of the Web Content Accessibility Guidelines (WCAG) 2.0 for any text size.

<sup>2</sup> AA 18pt

AA level for large text above 18pt.

<sup>3</sup> AAA

AAA level of the Web Content Accessibility Guidelines (WCAG) 2.0 for any text size.

<sup>4</sup> AAA 18pt

AAA level for large text above 18pt.

<sup>5</sup> Failed

Fails to comply with the Web Content Accessibility Guidelines (WCAG) 2.0.

<sup>6</sup> Passed

Passes the AAA level of the Web Content Accessibility Guidelines (WCAG) 2.0 for all text sizes.

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